

**Washington State County Road Administration Board
Washington Management Service Job Announcement**

Management Systems Engineer

Salary: \$47,000 - \$76,200 DOQ

Position Objective:

This position is responsible for: the implementation and monitoring of Pavement Management Systems in the 39 counties, including facilitating, supporting, and training county personnel in the methodologies and practices of pavement management; the determination of the county gas tax allocation factors, by using the county's Road Inventory, and ensure the accuracy of the county's Road Inventory by providing support and training; provide reports and summaries on the condition and needs of the county road system; provide traffic engineering support for the counties; represent the requirements, needs and desires of the counties in committees and groups; support the county road departments in these and other activities.

Knowledge and Skills Required:

Knowledge of the principles of civil engineering, county and WSDOT roadway engineering practices, County Road Department maintenance and operations procedures and methods, pavement management, traffic engineering, roadway and features inventory and management, project and program management, and risk management.

Knowledge of how County road departments operate: budgets, annual construction and six year programming, priority arrays, maintenance and operations, design and construction; project administration, risk management and legal concerns.

Knowledge of RCWs and WACs related to CRAB, counties, and transportation. Have a thorough understanding of WAC 136, the Standards of Good Practice for county road departments. Have a thorough knowledge of CRAB policies, procedures, and funding programs. Have a thorough knowledge of county regulations, procedures, and policies. Have a thorough knowledge of laws, regulations, and standards applicable to county roads and county road departments.

Skills to provide leadership and training in classroom, small group, and individual settings; adequately represent the Counties needs and concerns; facilitate agreement between competing interests; foster a productive and supportive work environment, devise short and long range plans and practical implementation schedules; analytical and problem solving skills to conduct and direct job planning, cost estimating and scheduling. Make effective public presentations.

Knowledge of the county road features inventory, and the knowledge to develop and produce various analyses, define and prepare reports and summaries, and to train and support the county staff involved in maintaining the county road features inventory.

Have a minimum of 5 years of civil engineering experience, preferably with a County road department. This experience must reflect a history of progressively responsible and complex engineering duties, such as performing as project engineer, maintenance engineer, pavement engineer, traffic engineer, or similar engineering management functions. Licensing as a Civil Engineer by the State of Washington is desired.

Principal Responsibilities:

Provide assurance that the counties have implemented a Pavement Management System and are using the results of their Pavement Management System to guide their pavement preservation and rehabilitation activities.

Monitor the effective and efficient implementation and use of a pavement management system required for the eligibility for County Arterial Preservation Account funds.

Develop, implement and administer, with CRABoard approval, statewide policy and procedures for county implementation of a pavement management system and roadway features inventory.

Support counties in providing complete road feature inventories, and needed information for various studies and programs.

Provide and interpret summary information on the county road system and roadway features for people and committees developing statewide policies, programs, and procedures.

Provide data and calculations used in distribution of the County portion of the State Motor Vehicle Fuel tax based on the prescribed formula.

Represent counties interests and needs on various boards, committees, and groups, regarding statewide policies, programs and procedures in various matters affecting county road departments, including, but not limited to, pavement management, roadway and roadway features inventory management, traffic engineering, traffic safety, safety and risk management.

Provide direction, assistance, and tools to allow the counties to implement and comply with these statewide policies, programs, and procedures.

For application package, please contact Karen Pendleton at 360.753.5989 or Karen@crab.wa.gov.

Position closes December 19, 2003.